

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5924090".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/01 07:16
S1	4	ando.in. and boguraev.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 11:18
S2	2	("5924090").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 11:18
S3	106	("5924090").URPN.	USPAT	OR	ON	2007/03/19 11:20
S4	11	("5924090").URPN. and (summariz\$4 and topic\$4 and phras\$2)	USPAT	OR	ON	2007/03/19 11:38
S5	1	"7024407"	USPAT	OR	ON	2007/03/19 11:38
S6	11	("4839853"   "5278980"   "5301109"   "5317507"   "5325298"   "5619709"   "5675819"   "5778362"   "5794178"   "5873056"   "6269368").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 11:40
S7	12	(summarization and (taxonomy and (more near specific) or specificity)). ti,ab,bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 11:46
S8	22	(summarization same (taxonomy or classif\$7 or categor\$3)) and ((more near specific) or specificity).ti,ab, bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 11:50
S9	69	(document or (summarization or summary)).ti,ab. and (summar\$7 same (taxonomy or classif\$7 or categor\$3)) and ((more near specific) or specificity).ti,ab,bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 11:52

## EAST Search History

S10	16	(document or (summarization or summary)).ti,ab. and (summar\$7 or same (taxonomy or classif\$7 or categor\$3)) same ((more near specific) or specificity)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:11
S11	1	"6205465".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:11
S12	1	"6205456".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:11
S13	10	(US-20050096897-\$ or US-20020194230-\$ or US-20050080781-\$).did. or (US-6775677-\$ or US-5924090-\$ or US-7181438-\$ or US-7024407-\$ or US-4839853-\$ or US-7092872-\$ or US-6205456-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/19 14:12
S14	0	S13 and (noun near phrase) and (summarization and (taxonomy or classify or classification) same (score))	US-PGPUB; USPAT	OR	ON	2007/03/19 14:16
S15	2	S13 and (noun near phrase) and (summarization and (taxonomy or classify or classification) and (score))	US-PGPUB; USPAT	OR	ON	2007/03/19 14:16
S16	6	("5838323"   "5918240"   "5924108"   "5963940"   "5983216"   "6018733").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:16
S17	39	("6205456").URPN.	USPAT	OR	ON	2007/03/19 14:19

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S18	55	("5276677"   "5278980"   "5317507"   "5325298"   "5390281"   "5539841"   "5551049"   "5619709"   "5675819"   "5694523"   "5696962"   "5708825"   "5721897"   "5778362"   "5778378"   "5778397"   "5794178"   "5799276"   "5822731"   "5832470"   "5867799"   "5873056"   "5934910"   "5937400"   "5940821"   "5963965"   "5966686"   "5970490"   "5974412"   "5991713"   "6006221"   "6009418"   "6078953"   "6085201"   "6097697"   "6105044"   "6108619"   "6122628"   "6173261"   "6205456"   "6289353"   "6295533"   "6297824"   "6311194"   "6317708"   "6317709"   "6356864"   "6363378"   "6459809"   "6470307"   "6493663"   "6513031"   "6523026"   "6615208"   "6675159").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:20
S19	0	S18 and ((topic same (specificity or narrow\$3 or depth)) same (score or weight or calculate))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:22
S20	2	S18 and ((topic same (specific\$3 or narrow\$3 or depth)) same (score or weight or calculate))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 14:22
S21	174	("5708825").URPN.	USPAT	OR	ON	2007/03/19 14:23
S22	1	"6205456".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:30
S23	1	"6205456".pn. and (topic near phrase)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:30
S24	1	"6205456".pn. and ((topic near phrase) same (score or weight or value))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:36
S25	0	"6205456".pn. and ((topic near phrase) same (score or weight or value)) and ((specific or specificity) with phrase)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:37
S26	0	summarization and ((topic near phrase) same (score or weight or value)) and ((specific or specificity) with phrase)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:38
S27	0	summarization and ((topic near phrase) same (score or weight or value)) and ((specific or specificity) same phrase)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:38

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S28	1	summarization and ((topic near phrase) same (score or weight or value)) and ((specific or specificity) same (noun or sentence or phrase))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:40
S29	1	summarization and ((topic near phrase) same (score or weight or value)) and ((specific or specificity or vague or range) with (noun or sentence or phrase))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:41
S30	2	summarization and ((topic with phrase) with (score or weight or value)) and ((specific or specificity or vague or range) with (noun or sentence or phrase))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:46
S31	1	summarization and ((topic with phrase) with (score or weight or value)) and ((specific or specificity or vague or range) with (noun or sentence or phrase)) and (order same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:56
S32	1	summarization and ((topic with phrase) with (score or weight or value)) and ((specific or specificity or vague or range or salient) with (noun or sentence or phrase)) and (order same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:56
S33	1	summarization and ((topic with phrase) same (score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase)) and (order same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:57
S34	1	summariz\$6 and ((topic with phrase) same (score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase)) and (order same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:58
S35	1	summariz\$6 and ((topic with phrase) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase)) and ((order or rank) same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 06:59

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S36	1	summariz\$6 and ((topic with (phrase or phrasal)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase)) and ((order or rank) same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 07:00
S37	11	summariz\$6 and ((topic with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase or phrasal)) and ((order or rank) same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 07:00
S38	6	summariz\$6.ti,ab. and ((topic with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase or phrasal)) and ((order or rank) same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 07:14
S39	4	("20020002450" "6029195" "6523026" "6611825").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/20 07:11
S40	6	summariz\$6.ti,ab. and ((topic with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase or phrasal)) and ((order or rank) same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 08:32
S41	6	(summariz\$6 or digest).ti,ab. and ((topic with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient) same (noun or sentence or phrase or phrasal)) and ((order or rank) same (sentence or phrase) same(summary or summarization))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 08:33

## EAST Search History

S42	12	((summariz\$6 or digest or synopsis) and (document or article)).ti,ab. and (((topical or topic or subject) with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient or definite or unique) same (noun or sentence or phrase or phrasal)) and ((order or rank or sequence) same (sentence or phrase) same(summary or summarization or digest))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 08:42
S43	13	((summariz\$6 or digest or synopsis) and (document or article)).ti,ab. and (((topical or topic or subject or classify or classification) with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient or definite or unique) same (noun or sentence or phrase or phrasal)) and ((order or rank or sequence) same (sentence or phrase) same(summary or summarization or digest))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 09:20
S44	14	((summariz\$6 or digest or synopsis) and (document or article)).ti,ab. and (((topical or topic or subject or classify or classification or ontology) with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient or definite or unique) same (noun or sentence or phrase or phrasal)) and ((order or rank or sequence) same (sentence or phrase) same(summary or summarization or digest))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 08:51
S45	4	mckeown.in. and (summarization.ti.)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 08:55
S46	14	("5924108" or "5638543" or "5077668" or "5848191" or "4965763" or "5838323" or "5297027").pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 08:56

## EAST Search History

S47	13	((summariz\$6 or digest or synopsis or gist or gisting) and (document or article)).ti,ab. and (((topical or topic or subject or classify or classification) with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and ((specific or specificity or vague or range or salient or definite or unique) same (noun or sentence or phrase or phrasal)) and ((order or rank or sequence) same (sentence or phrase) same(summary or summarization or digest or gist or gisting or synopsis))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 09:27
S48	1	((summariz\$6 or digest or synopsis or gist or gisting) and (document or article)).ti,ab. and (((topical or topic or subject or classify or classification) with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and (hyponym)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 09:30
S49	2	((summariz\$6 or digest or synopsis or gist or gisting) and (document or article)).ti,ab. and (((topical or topic or subject or classify or classification) with (phrase or phrasal or sentence)) same (probability or score or weight or value)) and (phrase or phrasal or sentence) with(specificity or hyponym)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 09:31
S50	2	((summariz\$6 or digest or synopsis or gist or gisting) and (document or article)).ti,ab. and (((topical or topic or subject or classify or classification) with (phrase or phrasal or sentence))) and ((phrase or phrasal or sentence) with(specificity or hyponym))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 10:20
S51	0	((summariz\$6 or digest or synopsis or gist or gisting) and document).ti, ab. and (phrasal adj experssion adj tree)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 10:21

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S52	0	((summariz\$6 or digest or synopsis or gist or gisting) and document).ti, ab. and (phrasal adj expression adj tree)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 10:21
S53	3	((summariz\$6 or digest or synopsis or gist or gisting) and document).ti, ab. and ((phrasal or phrase or collocation) near tree)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 10:23
S54	3	((summariz\$6 or digest or synopsis or gist or gisting) and document).ti, ab. and ((phrasal or phrase or collocation) near tree) and (phrase or tree)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/20 10:23
S55	42	(koyama and ueda).in.	DERWENT	OR	ON	2007/03/20 10:36
S56	0	(koyama and ueda).in. and document.ti.	DERWENT	OR	ON	2007/03/20 10:37
S57	49	koyama.in. and document.ti.	DERWENT	OR	ON	2007/03/20 10:37
S58	0	koyama.in. and (document and (summarizing or summarization or summary)).ti.	DERWENT	OR	ON	2007/03/20 10:38
S59	0	koyama.in. and (document and (recording)).ti.	DERWENT	OR	ON	2007/03/20 10:39
S60	49	koyama.in. and (document).ti.	DERWENT	OR	ON	2007/03/20 10:39
S61	2	"6865572".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/08 06:47
S62	31	("5077668"   "5708825"   "5724577"   "5768580"   "5778397"   "5794178"   "5799268"   "5819258"   "5842203"   "5867164"   "5893109"   "5895474"   "5903905"   "5918236"   "5918240"   "5924108"   "5937422"   "5963208"   "5991756"   "6122647"   "6154213"   "6181342"   "6185591"   "6185592"   "6308187"   "6353824"   "6359633"   "6363378"   "6405197"   "6417873"   "6553373").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08-07:05



## EAST Search History

S63	15	("5077668"   "5708825"   "5724577"   "5768580"   "5778397"   "5794178"   "5799268"   "5819258"   "5842203"   "5867164"   "5893109"   "5895474"   "5903905"   "5918236"   "5918240"   "5924108"   "5937422"   "5963208"   "5991756"   "6122647"   "6154213"   "6181342"   "6185591"   "6185592"   "6308187"   "6353824"   "6359633"   "6363378"   "6405197"   "6417873"   "6553373").PN. and ((topic or topicality) and (specific or specificities) and (phrase or phrasal))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 07:06
S64	14	("5077668"   "5708825"   "5724577"   "5768580"   "5778397"   "5794178"   "5799268"   "5819258"   "5842203"   "5867164"   "5893109"   "5895474"   "5903905"   "5918236"   "5918240"   "5924108"   "5937422"   "5963208"   "5991756"   "6122647"   "6154213"   "6181342"   "6185591"   "6185592"   "6308187"   "6353824"   "6359633"   "6363378"   "6405197"   "6417873"   "6553373").PN. and ((topic or topicality) and (specific or specificities) and (phrase or phrasal) and (rank or score or order))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 07:07
S65	9	("5077668"   "5708825"   "5724577"   "5768580"   "5778397"   "5794178"   "5799268"   "5819258"   "5842203"   "5867164"   "5893109"   "5895474"   "5903905"   "5918236"   "5918240"   "5924108"   "5937422"   "5963208"   "5991756"   "6122647"   "6154213"   "6181342"   "6185591"   "6185592"   "6308187"   "6353824"   "6359633"   "6363378"   "6405197"   "6417873"   "6553373").PN. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (rank or score or order)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 07:12

## EAST Search History

S66	0	("5077668"   "5708825"   "5724577"   "5768580"   "5778397"   "5794178"   "5799268"   "5819258"   "5842203"   "5867164"   "5893109"   "5895474"   "5903905"   "5918236"   "5918240"   "5924108"   "5937422"   "5963208"   "5991756"   "6122647"   "6154213"   "6181342"   "6185591"   "6185592"   "6308187"   "6353824"   "6359633"   "6363378"   "6405197"   "6417873"   "6553373").PN. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 07:13
S67	11	(summariz\$4 or topic\$4 or classif\$7).ti,ab. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 07:14
S68	7	((summariz\$4 or topic\$4 or classif\$7) and (document or text)).ti,ab. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 07:15
S69	7	((summariz\$4 or topic\$4 or classif\$7) and (document or text)).ti,ab. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/08 07:19
S70	3	((summariz\$4 or abstract\$3 or synopsis\$3) and (document or text)).ti,ab. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/08 07:21
S71	9	((summariz\$4 or abstract\$3 or synopsis\$3) and (document or text)).ti,ab,bsum. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/08 07:22

## EAST Search History

S72	19	((summariz\$4 or abstract\$3 or synopsis\$3 or extract\$3 or condens\$4) and (document or text)).ti,ab,bsum. and ((topic or topicality) and (specific or specificities) and ((phrase or phrasal) with (score) same (rank or order)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/08 07:26
S73	10	("20040225667" "20050125216" "20050131886" "6886010").PN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/08 09:24
S74	14	("20020174101" "20020184267" "20030028558" "20030069877" "20040029085" "5644776" "5708825" "5918240" "5924108" "6167368" "6185592" "6353824" "6594658" "6789230").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/08 09:24
S75	10	("5519608"   "5521816"   "5580561"   "5689716"   "5708825"   "5715468"   "5799269"   "5960383"   "6026388"   "6061675").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 09:47
S76	0	"10797107".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 09:47
S77	0	"text chunking" and summarization	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 09:48
S78	11	"text chunking"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/08 09:48

## EAST Search History

S79	44	(US-20050096897-\$ or US-20020194230-\$ or US-20050203970-\$ or US-20030130837-\$ or US-20030101415-\$ or US-20020078090-\$ or US-20060026152-\$ or US-20070067289-\$ or US-20050080781-\$ or US-20020184267-\$ or US-20020138528-\$ or US-20050125216-\$ or US-20040225667-\$).did. or (US-6775677-\$ or US-5924090-\$ or US-7181438-\$ or US-7024407-\$ or US-7092872-\$ or US-4839853-\$ or US-6865572-\$ or US-6353824-\$ or US-6638317-\$ or US-6167368-\$ or US-7181683-\$ or US-7130837-\$ or US-5638543-\$ or US-4965763-\$ or US-5838323-\$ or US-6205456-\$ or US-5918240-\$ or US-5924108-\$ or US-6789230-\$ or US-6523026-\$ or US-5708825-\$ or US-5960383-\$ or US-6963830-\$ or US-6029195-\$ or US-6185592-\$ or US-5077668-\$). did. or (US-6766287-\$ or US-6038561-\$ or US-6061675-\$). did. or (US-5924108-\$ or WO-200049517-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/10 06:38
S80	0	S79 and ((voice near coding) or (speech near characteristic))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/10 06:39
S81	0	S79 and ((voice with coding) or (speech near characteristic))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/10 06:40
S82	8	S79 and (voice or coding)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/05/10 06:40